



WaStop® Inline Check Valve Technical Specification PVC

Model no.:	WS160PVC-S2	WS160PVC-S3	WS160PVC-S4
Nominal Size:	160 mm		
Pipe:	PVC		
Membrane:	Silicone		
Fasteners:	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	3 mmH ₂ O	5 mmH ₂ O	8 mmH ₂ O
Horizontal opening pressure*:	215 mmH ₂ O	235** mmH ₂ O	233** mmH ₂ O
Horizontal closing pressure*:	89 mmH ₂ O	85** mmH ₂ O	78** mmH ₂ O
Submerged opening pressure*:	190** mmH ₂ O	220** mmH ₂ O	246** mmH ₂ O
Submerged closing pressure*:	35** mmH ₂ O	30** mmH ₂ O	34** mmH ₂ O
Vertical opening pressure*:	237 mmH ₂ O	264** mmH ₂ O	290** mmH ₂ O
Vertical closing pressure*:	125** mmH ₂ O	139** mmH ₂ O	152** mmH ₂ O

*) +/- 15% **) Modeled value

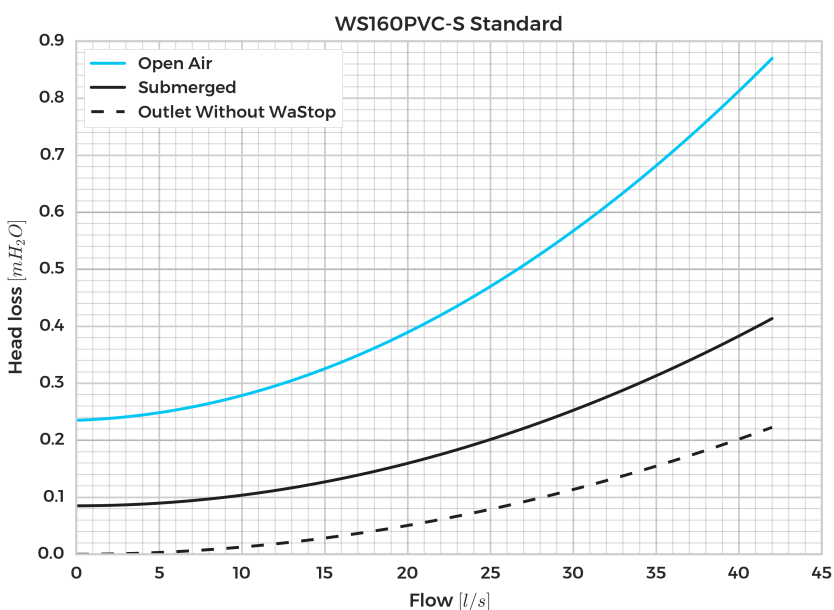
- Values measured from bottom of pipe.

- Tests performed at room temperature (16-20 °C).

Max Flow	m/s	l/s
	2	42

- Higher flows requires custom valve, contact Wapro

- Flange installation is highly recommended at flows above 2 m/s



In the submerged case opening pressure [mmH₂O / inH₂O] is the difference between the water level upstream and the water level downstream and in the open-air case to the invert of the pipe. In vertical applications, the vertical opening pressure is measured from the outlet of the WaStop.

